

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	223	194/302.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 14:38
S2	625	194/334.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 14:38
S3	152	194/328.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 14:38
S4	310	209/576.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 14:39
S5	117	209/579.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 14:39
S6	331	453/57.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 14:39
S7	1	10/798669	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 17:34

## EAST Search History

S8	1	S7 and coin adj path	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 17:36
S9	33	cummins.as. and coin with discrimination and rotary and (laser light)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 17:38
S10	7	("3376970"   "3837139"   "5718625"   "5992602"   "6042470"   "6755730").PN. OR ("7188720").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 17:39
S11	49	("20020074209"   "3376970"   "3771583"   "3837139"   "4184366"   "4228812"   "4436103"   "4474197"   "4488116"   "4556140"   "4564036"   "4607649"   "4681128"   "4731043"   "4753624"   "4753625"   "4863414"   "4936435"   "5022889"   "5026320"   "5141443"   "5277651"   "5299977"   "5345206"   "5379875"   "5382191"   "5429550"   "5453047"   "5480348"   "5507379"   "5542880"   "5630494"   "5743373"   "5988348"   "5992602"   "6047808"   "6056104"   "6080056"   "6171182"   "6196371"   "6264545"   "6412620"   "6431342"   "6471030"   "6503138"   "6640956").PN. OR ("6755730").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 17:47
S12	17	S11 and encoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 17:50

## EAST Search History

S13	42	("3788440"   "3795252"   "3998237"   "4086928"   "4111216"   "4234003"   "4234072"   "4250904"   "4254857"   "4275751"   "4326621"   "4353452"   "4359062"   "4383540"   "4416299"   "4474281"   "4538719"   "4564036"   "4579217"   "4586522"   "4607649"   "4667093"   "4681128"   "4746319"   "4753624"   "4881918"   "4921463"   "5011455"   "5055086"   "5090576"   "5195626"   "5230653"   "5429550"   "5429551"   "5443419"   "5501632"   "5507379"   "5525104").PN. OR ("6171182").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 17:57
S14	0	"5992602".pn. and (light laser photodetect\$4) and encoder with pulse same (discriminat\$4 denomination) and coin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:01
S15	1	"5992602".pn. and (light laser photodetect\$4) and encoder same (discriminat\$4 denomination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:02
S16	47	("4147175"   "4172222"   "4353453"   "4362177"   "4370990"   "4474281"   "4548220"   "4556140"   "4558711"   "4664244"   "4681204"   "4749074"   "4775354"   "4805754"   "4881918"   "4951799"   "4993990"   "5011455"   "5123873"   "5131518"   "5141443"   "5191957"   "5207611"   "5232399"   "5240099"   "5277651"   "5295899"   "5299977"   "5411126"   "5429550"   "5453047"   "5462149"   "5480348"   "5507379"   "5568854").PN. OR ("5992602").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 18:03
S17	14	("4572349"   "5167313").PN. OR ("5462149").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 18:22

## EAST Search History

S18	7	S13 and encoder	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 18:23
S19	625	194/334.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:24
S20	152	194/328.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:24
S21	310	209/576.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:24
S22	117	209/579.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:24
S23	331	453/57.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:24
S24	223	194/302.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:25

## EAST Search History

S25	13	(S24 S19 S20 S21 S22 S23) and encoder same (light laser) and discriminat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:40
S26	36	("1234707"   "3297242"   "3463171"   "3599771"   "3680566"   "3965912"   "4059122"   "4111216"   "4148331"   "4184366"   "4398550"   "4471864"   "4556140"   "4574824"   "4588712"   "4733765"   "4753625"   "4754862"   "4960196"   "4978322"   "5098339"   "5131885"   "5167571"   "5254032"   "5279404"   "5285883"   "5316120"   "5326312"   "5386902"   "5484334").PN. OR ("6168001"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 18:29
S27	2	coin and (light laser) and rotary and encoder and (encoder pulse) with (light laser) with (discriminat\$4 denomination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:33
S28	14	coin and (light laser) and rotary and encoder and (encoder pulse) with (light laser sens\$4 detect\$4) with (discriminat\$4 denomination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:34
S29	1716	(S24 S19 S20 S21 S22 S23)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:42
S30	7	(S24 S19 S20 S21 S22 S23) and rotary and (light laser) with discriminat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:41

## EAST Search History

S31	6	US-7100426-\$.DID. OR US-20030168310-\$.DID. OR US-20030168309-\$.DID. OR US-4556140-\$.DID. OR US-4848556-\$.DID. OR US-5743373-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 18:44
S32	2	"2003168309"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:45
S33	2	"20030168309"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 18:45
S34	49	("20020074209"   "3376970"   "3771583"   "3837139"   "4184366"   "4228812"   "4436103"   "4474197"   "4488116"   "4556140"   "4564036"   "4607649"   "4681128"   "4731043"   "4753624"   "4753625"   "4863414"   "4936435"   "5022889"   "5026320"   "5141443"   "5277651"   "5299977"   "5345206"   "5379875"   "5382191"   "5429550"   "5453047"   "5480348"   "5507379"   "5542880"   "5630494"   "5743373"   "5988348"   "5992602"   "6047808"   "6056104"   "6080056"   "6171182"   "6196371"   "6264545"   "6412620"   "6431342"   "6471030"   "6503138"   "6640956").PN. OR ("6755730"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 18:49
S35	17	("5033602").URPN.	USPAT	OR	ON	2007/05/08 19:01
S36	20	("3797307"   "3797628"   "4474281"   "4509633"   "4646904"   "5033602"   "5033603"   "5097934").PN. OR ("5460256"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 19:04